

Mass Spectrometry Reviews

Contents

Volume 8, 1989

Number 1, January 1989

Mass spectrometry methods for structural determination and analysis of lipooxygenase and cytochrome P-450 metabolites of essential fatty acids <i>Magda Claeys</i>	1
Combined liquid chromatography mass spectrometry. Part I. Coupling by means of a moving-belt interface <i>Patrick Arpino</i>	35
Selected reviews on mass spectrometric topics. XXVII. Reactions in the ion source prior to ionization <i>Herbert Budzikiewicz</i>	57
Forthcoming Articles	59
Instructions for Contributors	61

Number 2, March 1989

Fourier transform mass spectrometry: Current status <i>Charles L. Wilkins, A. Kasem Chowdhury, Lydia M. Nuwaysir, and Mildred L. Coates</i>	67
Evolving criteria for confirmation of trace level residues in food and drugs by mass spectrometry. Part I <i>Thomas Cairns, Emil G. Siegmund, and John J. Stamp</i>	93
Selected reviews on mass spectrometric topics. XXVIII. Tandem mass spectrometry <i>H. Budzikiewicz</i>	119
Forthcoming Articles	121

Number 3, May 1989

Evolving criteria for confirmation of trace level residues in food and drugs by mass spectrometry. Part II <i>Thomas Cairns, Emil G. Siegmund, and John J. Stamp</i>	127
Mass spectrometry of methylthio metabolites of aromatic hydrocarbons and related substances <i>Marjorie G. Horning, Khingkan Lertratanangkoon, and Brian S. Middleditch</i> ...	147
Mass spectrometry research: An interplay between ion chemistry, instrumental development, and applications <i>Michael L. Gross</i>	165
Selected reviews on mass spectrometric topics. XXIX. Chemical ionization mass spectrometry <i>H. Budzikiewicz</i>	199
Forthcoming Articles	201

Number 4, July 1989

High performance sector mass spectrometers: past and present <i>Takekiyo Matsuo</i>	203
Photodissociation of trapped ions <i>W. J. van der Hart</i>	237
Singly, doubly, and triply charged cations of carbon disulfide <i>D. Mathur and F. M. Harris</i>	269
Selected reviews on mass spectrometric topics. XXV. Lipids <i>H. Budzikiewicz</i>	293

Number 5, September 1989

Gas-phase equilibrium affinity scales and chemical ionization mass spectrometry <i>John E. Bartmess</i>	297
Elemental resonance ionization mass spectrometry: A review <i>D. H. Smith, J. P. Young, and R. W. Shaw</i>	345
Structure elucidation of hemoglobin variants and other proteins by digit-printing method <i>Yoshinao Wada, Takekiyo Matsuo, and Toru Sakurai</i>	379

Selected reviews on mass spectrometric topics: XXX.

Additions to earlier sections (part 1)

H. Budzikiewicz435

Number 6, November 1989

The development of fast atom bombardment combined with tandem mass spectrometry for the determination of biomolecules

Kenneth B. Tomer445

FAB/MS/MS for the determination of biomolecules: A compendium

Kenneth B. Tomer483

The neutralization of organic cations

John L. Holmes513

Forthcoming Articles541

Instructions for Contributors544

Author Index to Volume 8547

Volume Contents iii